

Official

2-19-03  
RECEIVED

TL

2

Serial No.: 09/729,968  
Group Art Unit: 2675

1. (twice amended) A method for converting one or more symbols to a character using a wireless electronic stylus, said symbols may be different from said character, comprising:

- establishing a wireless connection with a second device using a transceiver or a combination of a transmitter and a receiver means;
- on performing movements using said wireless electronic stylus that correspond to said symbols;
- getting output from accelerometers;
- correlating accelerometer output to reference acceleration sequences
- characterizing each set of symbols and corresponding character;
- identifying a character;
- sending said character wirelessly to said second device.

2. (twice amended) The method of claim 1 whereby establishing a wireless connection with a second device occurs on activation of said wireless electronic stylus.

3. (twice amended) The method of claim 1 further comprising:  
displaying identified symbols on said second device.

4. (twice amended) The methods of claims 1 whereby said symbols correspond to Palm graffiti symbols.

5. (twice amended) A method for converting one or more symbols to a character using a wireless electronic stylus, said symbols may be different from said character, comprising:

- establishing a wireless connection with a second device using a transceiver or a combination of a transmitter and a receiver means;
- on performing movements using said wireless electronic stylus that correspond to said symbols;
- getting output from accelerometers;

Serial No.: 09/729,968  
Group Art Unit: 2675

sending said output from accelerometers to said second device wirelessly;  
said second device:

gets accelerometer output wirelessly;  
correlates said accelerometer output to reference acceleration sequences  
characterizing each set of symbols and corresponding character;  
identifies said character;  
displays said character on said second device.

6. (twice amended) The method of claim 5 whereby establishing a wireless connection with a second device occurs on activation of said wireless electronic stylus.

7. (twice amended) The methods of claims 5 whereby said symbols correspond to Palm graffiti symbols.

8. (twice amended) A method for converting symbols to characters using a wireless electronic stylus, said symbols may be different from said characters, comprising:  
establishing a wireless connection with a second device using a transceiver or a combination of a transmitter and a receiver means;  
on performing movements using said wireless electronic stylus that correspond to said symbols;

getting output from accelerometers;  
correlating accelerometer output to reference acceleration sequences  
characterizing each set of symbols and corresponding characters;  
identifying characters;  
sending characters wirelessly to said second device.

9. (twice amended) Apparatus for converting handwritten symbols to characters, comprising:

a stylus comprising:  
accelerometers means for capturing handwritten symbols;

4

Serial No.: 09/729,968  
Group Art Unit: 2675

memory means for storing a collection of reference acceleration sequences characterizing each set of symbols and corresponding character;  
processor means for identifying characters;  
transceiver means or a combination of a transmitter and receiver means for establishing a wireless connection with a second device and sending characters.

10. (twice amended) The apparatus of claim 9 whereby said communication means is Bluetooth.